

## EAST Search History

S50	220	S49 and wavelength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/29 15:13
S51	34	"5153670"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/29 15:21
S52	10	"5581356"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/29 17:18
S53	42	"6320996"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/29 17:19
S54	27	"5471332"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 10:35
S55	112	hitless adj3 switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 10:35
S56	3	("6292299"   "6320996"   "6909548").PN. OR ("7062122"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 10:43
S57	15	("5506920"   "5781332"   "5781341"   "5872655"   "5892612"   "6115178").PN. OR ("6292299"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 10:45
S58	3	("6292299"   "6320996"   "6909548").PN. OR ("7062122"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 10:50

## EAST Search History

S59	155656	"398"/\$.ccls. or "359"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 10:52
S60	9752	S59 and overlap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 10:53
S61	3283	S60 and (light adj2 beam)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 12:08
S62	264	S61 and transmitter and receiver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 10:53
S63	13	("4096380"   "4134681"   "4764982"   "5142400"   "5532858"   "5594580").PN. OR ("6219133"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 11:05
S64	10	("20020008870"   "4218834"   "4441809"   "4764982"   "5100229"   "5110202"   "5742387"   "5767960"   "6219133").PN. OR ("6646732").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 12:01
S65	76	S61 and transceiver	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 12:01
S66	551	S61 and divergence	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 12:09
S67	499	S66 not S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 12:09

## EAST Search History

S68	495	S67 not S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 12:59
S69	10	"5867604"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 13:03
S70	44	emission adj1 overlap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 13:29
S71	506297	thin adj1 film	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 10:31
S72	215682	S71 and thickness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 10:28
S73	97261	S71 same thickness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 10:31
S74	0	S73 same variable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 10:29
S75	1366	S73 same variable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 10:29

## EAST Search History

S76	5	S75 same ((x or y or z) adj1 (axis or position))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 10:30
S77	3082	S73 and ("398"/\$.ccls. or "359"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 10:31
S78	1472	(thin adj1 film) adj1 filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 10:31
S79	0	S78 and thickness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 10:31
S80	684	S78 and thickness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 10:32
S81	195	S80 and ("398"/\$.ccls. or "359"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 10:37
S82	41	"3442572"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 15:47
S83	6	"3998752"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 15:58

## EAST Search History

S84	5	"4837052"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 16:13
S85	8763	reflect\$5 same gold same coat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 16:13
S86	2018	S85 same thickness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 16:14
S87	382	S86 same wavelength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 17:46
S88	43	"4185894"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 17:47
S89	9	"5333090"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 17:47